| Index of ( | Claims |
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| Application No. | Applicant(s)    |  |
|-----------------|-----------------|--|
| 10/016,767      | ATKINSON ET AL. |  |
| Examiner        | Art Unit        |  |
| Myron G. Hill   | 1648            |  |

| 1 | Rejected | 1 | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |                | _                                                | [                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Date            | ;           |                                                  |   | Cla       | aim      |                                                                            |                                                  | D                                                | ate      |             |        |               |                                         | Cl               | aim               |              |                     |          | C         | ate      |          |          |               |          |
|----------|----------|----------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------------------------------------------------|---|-----------|----------|----------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|-------------|--------|---------------|-----------------------------------------|------------------|-------------------|--------------|---------------------|----------|-----------|----------|----------|----------|---------------|----------|
|          | <u> </u> | 19             |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   |           | a        | io                                                                         |                                                  |                                                  |          |             | -      |               |                                         |                  | ਲ                 | 0            |                     |          | ĺ         |          |          | -        |               |          |
| Final    | Original | ;              |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   | Final     | Original | 19                                                                         |                                                  |                                                  |          |             |        |               |                                         | Final            | Original          | li l         |                     |          | ļ         | ŀ        | ı        |          |               |          |
| 🗓        | )rić     | (id            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   | iĒ        | Öri      | 1                                                                          |                                                  |                                                  |          |             |        |               |                                         | 讧                | Orić              | ρij          |                     |          |           |          |          |          |               |          |
|          |          | ''             |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 | _ _         | <del>                                     </del> | _ |           |          | 04                                                                         |                                                  |                                                  |          | _           | $\bot$ |               |                                         |                  |                   |              |                     |          |           |          | _        | _        | $\dashv$      | _        |
|          | 1        |                |                                                  | ļ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\sqcup$        |             | 1                                                | 4 | ļ         | 51       | 1                                                                          |                                                  |                                                  | _ -      |             | -      |               |                                         |                  | 101               | _            |                     |          |           |          | $\dashv$ |          | $\dashv$      | 4        |
|          | 2        | _              |                                                  | ļ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 | _           | <del>                                     </del> |   |           | 52       |                                                                            |                                                  | -                                                |          | -           | +      | $\dashv$      |                                         |                  | 102               |              |                     |          | -1        |          | $\dashv$ | -        | -             |          |
|          | 3_       |                | $\vdash$                                         | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$        |             | -                                                | - |           | 53       | ~                                                                          |                                                  |                                                  |          |             | +      |               |                                         |                  | 103               |              |                     | _        |           |          | $\dashv$ |          | <del></del> - |          |
|          | 4        | ļ              |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             | ++                                               | 4 |           | 54       | 1                                                                          |                                                  | $\vdash$                                         |          | <del></del> | +      | _             |                                         |                  | 104<br>105        |              | $\dashv$            | _        | $\dashv$  |          | -+       | +        | $\dashv$      | $\dashv$ |
|          | 5        | <del> </del> - | $\vdash$                                         | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 | -           | ┼-                                               | - |           | 55<br>56 | +                                                                          | -                                                |                                                  |          |             | +      | $\dashv$      |                                         |                  | 105               |              | -                   | $\dashv$ |           | $\dashv$ | $\dashv$ | -+       |               |          |
|          | 6<br>7   | <u> </u>       | <del></del>                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -               |             | ╂                                                | - |           | 57       | $\vdash$                                                                   |                                                  | ╁╌┼                                              | -        |             | ╂┈┤    | $\overline{}$ |                                         |                  | 107               |              | $\vdash$            | _        | $\dashv$  | -        |          | $\dashv$ | $\dashv$      |          |
| <u> </u> | 8        | 2              |                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |             | <del></del>                                      | 4 |           | 58       | $\vdash$                                                                   | +                                                | $\vdash$                                         |          |             | +      |               | ŀ                                       |                  | 108               |              | $\vdash$            | _        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ |
|          | 9        | 7              | <del>                                     </del> | ┼╌                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |             | ++                                               | - |           | 59       | ╁╌                                                                         |                                                  | +                                                |          |             | ╁      | $\dashv$      |                                         |                  | 109               | $\vdash$     | $\vdash$            | $\dashv$ | $\dashv$  | $\dashv$ |          | $\dashv$ | $\dashv$      | $\dashv$ |
| $\vdash$ | 10       | +              | <del>  </del>                                    | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash \vdash$ |             | 1                                                | - |           | 60       | +                                                                          | <del></del>                                      | $\vdash$                                         |          | +           | ╁┤     | $\dashv$      |                                         | <del></del>      | 110               |              |                     | $\dashv$ |           |          | $\dashv$ |          | $\dashv$      | $\dashv$ |
| $\vdash$ | 11       | H              | <del>                                     </del> | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 | -           | + +-                                             | - | <u> </u>  | 61       | -                                                                          |                                                  | $\vdash$                                         | $\dashv$ | +           | + +    |               |                                         |                  | 111               |              | $\vdash \vdash$     | $\dashv$ |           |          |          | $\dashv$ | $\dashv$      | $\dashv$ |
| <u> </u> | 12       | +              | $\vdash$                                         | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 | $\dashv$    | + +                                              | - | -         | 62       | -                                                                          |                                                  | $\vdash$                                         | $\dashv$ |             | + +    |               |                                         |                  | 112               | $\vdash$     | $\vdash \vdash$     | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | 一        |
|          | 13       | H              | $\vdash$                                         | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 | $\dashv$    | + +                                              |   | <u> </u>  | 63       |                                                                            |                                                  | 1-1                                              | 十        | +           | +      |               |                                         |                  | 113               |              | +                   | $\dashv$ | — <u></u> |          | -        | _        | $\dashv$      | ᅱ        |
|          | 14       | H              | <del>                                     </del> | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$        | -           | <del>                                     </del> |   |           | 64       |                                                                            |                                                  | $\Box$                                           | $\dashv$ | +-          | +-     |               |                                         |                  | 114               |              | $\vdash \vdash$     | $\dashv$ |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ |
| -        | 15       | H              | <del>                                     </del> | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$        | $\dashv$    | ++                                               | - |           | 65       |                                                                            |                                                  | 1-1                                              | +        | +           | + +    |               |                                         |                  | 115               |              | $\vdash$            | $\dashv$ |           |          |          |          | $\dashv$      | $\dashv$ |
| -        | 16       | H              | <del>                                     </del> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | $\vdash \vdash$ |             | ++                                               |   |           | 66       |                                                                            |                                                  | 1-1                                              | _        | $\top$      | 1-1    |               |                                         |                  | 116               | <u> </u>     |                     | $\dashv$ | $\neg$    | 寸        | $\dashv$ | $\dashv$ | 寸             | $\dashv$ |
|          | 17       |                |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 | $\dashv$    | ++                                               |   |           | 67       |                                                                            | -                                                | $\dagger \dagger$                                | +        | $\dashv$    | 1-1    |               |                                         |                  | 117               |              | $\sqcap$            | 1        |           | 寸        | _        | $\dashv$ | 寸             | $\neg$   |
|          | 18       | Н              |                                                  | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\Box$          | $\dashv$    | 1.1                                              |   |           | 68       |                                                                            |                                                  |                                                  | $\dashv$ | $\top$      |        |               | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                  | 118               | 4            | $\Box$              | 寸        |           | $\neg$   | $\neg$   | $\neg$   | 寸             | ヿ        |
|          | 19       | П              |                                                  | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m               |             | +                                                |   |           | 69       |                                                                            |                                                  |                                                  | 十        | 1           |        |               |                                         |                  | 119               | 1/           |                     | _        |           | $\neg$   | $\neg$   | $\dashv$ | コ             | $\neg$   |
|          | 20       | Н              |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   |           | 70       |                                                                            |                                                  | 1                                                | T        |             |        |               |                                         |                  | 120               |              |                     |          |           |          | $\neg$   | $\neg$   | $\exists$     | コ        |
| -        | 21       | П              | <del>                                     </del> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             | 11                                               |   |           | 71       |                                                                            |                                                  | 1                                                | $\dashv$ |             |        |               |                                         |                  | 121               |              |                     |          | T         | 一        |          |          |               |          |
|          | 22       | П              |                                                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H               |             | 1-1-                                             |   |           | 72       |                                                                            |                                                  | 1                                                |          | $\neg$      |        |               |                                         |                  | 122               |              | П                   |          |           |          |          |          | $\exists$     |          |
|          | 23       |                |                                                  | <b>†</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |             | 1-1-                                             |   |           | 73       |                                                                            |                                                  | 1                                                |          |             |        |               |                                         |                  | 123               |              |                     |          |           |          |          |          |               |          |
|          | 24       | П              |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  | 7 |           | 74       |                                                                            |                                                  | Ħ                                                | $\neg$   |             | 1      |               |                                         |                  | 124               |              | П                   |          |           | 目        |          |          | コ             | П        |
|          | 25       | П              |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | П               |             |                                                  |   |           | 75       |                                                                            |                                                  |                                                  | T        |             |        |               |                                         |                  | 125               |              |                     |          |           |          |          |          | $\Box$        |          |
|          | 26       | П              |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   |           | 76       |                                                                            |                                                  |                                                  |          |             |        |               |                                         |                  | 126               |              |                     |          |           |          |          |          |               |          |
|          | 27       | П              |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   |           | 77       | 1                                                                          |                                                  |                                                  |          |             |        |               |                                         |                  | 127               |              |                     |          |           |          |          |          |               |          |
|          | 28       |                |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   |           | 78       |                                                                            |                                                  |                                                  |          |             |        |               |                                         |                  | 128               |              |                     |          |           |          |          |          |               |          |
|          | 29       | П              |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   |           | 79       |                                                                            |                                                  |                                                  |          |             |        |               |                                         | 159              | 120               | سمند         |                     |          |           |          |          |          |               |          |
|          | 30       |                |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   |           | 80       |                                                                            |                                                  |                                                  |          |             |        |               |                                         | 1'               | 132               | 1            |                     |          |           |          |          |          | $\Box$        | $\Box$   |
|          | 31       | Ш              |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |             |                                                  |   |           | 81       |                                                                            |                                                  |                                                  |          |             |        |               |                                         |                  | 189               |              |                     |          |           |          |          |          | _             | ž.       |
|          | 32       | $\prod$        |                                                  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}$ |                 |             |                                                  | _ |           | 82       | $oxed{oxed}$                                                               |                                                  | Ш                                                |          |             | $\bot$ |               |                                         | 16               | _132              | V            | $\sqcup \downarrow$ |          |           |          |          | $\perp$  |               | _        |
|          | 33       | V              | _                                                | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $\square$       | $\perp$     | 11                                               |   |           | 83       | Щ                                                                          |                                                  | $\sqcup$                                         |          | $\perp$     | 1-1    |               |                                         | 4                | 1,33<br>1,84      |              | $\sqcup$            | ļ        |           |          |          | _        | _             | $\dashv$ |
| <u> </u> | 34       | 1              |                                                  | ــــــــــــــــــــــــــــــــــــــ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | $\sqcup$        |             | 1-1-                                             | _ |           | 84       | Ш                                                                          |                                                  | $\sqcup$                                         |          |             | 4      |               |                                         | <b>1</b>         | 184               | _            | -                   | _        |           |          | $\dashv$ | _        | _             | $\dashv$ |
| L        | 35       |                |                                                  | ↓_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\sqcup$        |             |                                                  | - |           | 85       | Ш                                                                          |                                                  | $\sqcup$                                         |          | _           | 4-1    |               |                                         |                  | 135<br>136<br>187 |              | $\vdash$            | _        |           |          |          | _        | _             |          |
|          | 36       | _              | _                                                | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $\sqcup$        | _ _         | 4-4                                              |   | <b></b>   | 86       | $\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$ |                                                  | $\sqcup$                                         | _        | _           | 4      |               |                                         | en               | 736               | _            |                     | _        |           |          | _        | _        | $\dashv$      | $\dashv$ |
|          | 37       | _              |                                                  | ↓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\sqcup$        | $\dashv$    | +                                                | - | <u> </u>  | 87       | - -                                                                        |                                                  | $\square$                                        | $\dashv$ | _           | +      |               |                                         | 4                | r 187             |              |                     |          |           |          |          | _        | $\dashv$      |          |
|          | 38       | <del> </del>   | ₩.                                               | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $\vdash$        | _           | -                                                | - |           | 88       | -                                                                          |                                                  | $\sqcup$                                         | _        | - -         | -      |               |                                         |                  | 138<br>189        | <u> </u>     |                     |          |           |          |          |          |               |          |
| <b></b>  | 39       | $\vdash$       |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | $\vdash \vdash$ |             | ++                                               | 4 | <b> -</b> | 89       | #                                                                          |                                                  | -                                                | $\dashv$ | -           | +      |               |                                         | A                | Y YOY             | $\vdash$     | $\vdash \vdash$     | 4        | _         | $\dashv$ | $\dashv$ | $\dashv$ |               | $\dashv$ |
| <u> </u> | 40       | $\vdash$       |                                                  | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $\vdash$        | $\dashv$    | ++                                               | - | <b> </b>  | 90       | <b> </b>                                                                   | <del></del>                                      | $\dashv$                                         | $\dashv$ | +           | +      |               |                                         |                  | 140<br>141        | -            | $\vdash \vdash$     | -        | -         | $\dashv$ |          | $\dashv$ | $\dashv$      | $\dashv$ |
| <u> </u> | 41       | <del> </del>   |                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash \vdash$ | <del></del> | +                                                | - | <u> </u>  | 91       | <del>))</del> —                                                            |                                                  | +                                                | $\dashv$ | - -         |        |               |                                         | H                | 1/12              |              |                     | -        |           |          |          |          | $\dashv$      | $\dashv$ |
|          | 42       | $\vdash$       |                                                  | ╄                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |             | +                                                | - |           | 92<br>93 | <b>Y</b> -                                                                 | <del>                                     </del> | <del>  -  </del>                                 |          |             | +      |               |                                         | 47               | 142               |              |                     | -        |           |          |          |          | $\dashv$      | ᅴ        |
|          | 43       | <b>├</b>       |                                                  | ┼                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$        |             | +                                                | - |           | 94       |                                                                            | <del>                                     </del> | +                                                | $\dashv$ | +           | +      |               |                                         | <del>- Y</del> - | 144               | $\vdash$     | $\vdash \vdash$     | $\dashv$ | -         | -        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ |
|          | 44       |                |                                                  | ╀                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$        | $\dashv$    | ++                                               | - |           | 95       | $\vdash$                                                                   | $\vdash$                                         | ╁┤                                               | +        | +           | +      |               |                                         | <del>/</del>     | 144               | $\vdash$     | $\vdash \vdash$     | $\dashv$ |           | $\dashv$ |          | $\dashv$ | $\dashv$      | $\dashv$ |
|          | 45       | $\vdash$       | <del>                                     </del> | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash \vdash$ |             | +-+-                                             | - | <b> </b>  | 96       |                                                                            | <del>-   -</del>                                 |                                                  | -+       | +           | +      | —             |                                         | 7                |                   | -            | $\vdash \vdash$     | $\dashv$ | $\dashv$  | $\dashv$ |          |          | $\dashv$      | $\dashv$ |
| <b></b>  | 46       | -              | <del>                                     </del> | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash \vdash$ |             | +                                                | - | ļ         | 95       |                                                                            |                                                  | $\vdash$                                         | +        | - -         | +      | $\dashv$      |                                         | 4                | 147               | $\vdash$     | $\vdash \vdash$     | $\dashv$ |           |          |          |          | $\dashv$      | $\dashv$ |
| <u> </u> | 47       | $\vdash$       | <del>  </del>                                    | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash \vdash$ |             | +                                                | - |           | 98       | -                                                                          |                                                  | $\vdash$                                         | $\dashv$ | +           | +      |               |                                         | <del>-1/</del>   | 14/               | $\vdash$     | H                   | $\dashv$ |           |          |          | $\dashv$ | $\dashv$      | $\dashv$ |
| -        | 48       | -              | <del>  </del>                                    | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash \vdash$ |             | ++-                                              |   | <b></b>   | 99       | $\vdash$                                                                   | $\vdash$                                         | <del>                                     </del> | $\dashv$ | +           | +      | -             |                                         | $-\nu_{i}$       | 149               | $\vdash$     |                     | $\dashv$ | $\dashv$  |          |          |          | $\dashv$      | $\dashv$ |
| H-       | 49<br>50 | 1              |                                                  | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash \vdash$ |             | ++                                               |   |           | 100      | $\vdash$                                                                   | <del></del>                                      | $\dashv$                                         | $\dashv$ | +           | +      |               |                                         |                  | 150               | <del> </del> | $\vdash \vdash$     | -        | -         | -        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ |
| L        | DU       | <u></u>        | سلسا                                             | .L.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LJ.             |             | _ll_                                             |   |           | 100      | L                                                                          |                                                  |                                                  |          |             |        |               |                                         | L                | 1 130             | L            | <u> </u>            | l        |           |          |          |          |               |          |